In the Claims:

1. (currently amended): A monoazoquinolone pigment which, in one of its tautomeric forms, corresponds to formula

$$O = \bigvee_{N \in \mathbb{R}_2}^{Ar_1} \bigcap_{N \in \mathbb{N}}^{R_1} \mathbb{N}^{-W}$$

wherein

W is unsubstituted or substituted C₆-C₂₄aryl or unsubstituted or substituted heteroaryl or is a radical_derived from a compound of formula

$$\begin{array}{c|c}
O \\
H_2C \\
N \\
CH_3
\end{array}$$

wherein

Ar₂ is unsubstituted or substituted C₆-C₂₄aryl or unsubstituted or substituted heteroaryl,

Ar₁ is unsubstituted or substituted C₆-C₂₄aryl or unsubstituted or substituted heteroaryl,

R, R₁ and R₂ are each independently of the others hydrogen, C₁-C₆alkyl, halogen, cyano, CF₃, nitro, NR₃R₄, COOR₄, NR₄COR₃, COO \dot{X}^{+} , COR₄, OR₄, SR₃, SO₂R₃, SO₂NR₃R₄, SO_{3 \dot{X}^{+}}, or C₆-C₂₄aryl which is unsubstituted or mono- or poly-substituted by R₅,

 R_3 is C_1 - C_6 alkyl, or C_6 - C_{12} aryl which is unsubstituted or mono- or poly-substituted by halogen, hydroxy, OR_7 , cyano, nitro, SR_7 , NR_6R_7 , $COOR_7$, $CONR_6R_7$, NR_6COR_7 ,

R₄ is hydrogen or has the meanings of R₃,

R₅ is hydrogen, C₁-C₄alkyl, halogen, nitro, NR₇R₈ or OR₇,

R₆ is hydrogen or C₁-C₃alkyl,

 R_7 and R_8 are each independently of the other hydrogen; C_1 - C_3 alkyl; phenyl which is unsubstituted or mono- or poly-substituted by halogen, nitro, OR_5 , $NR_{16}R_{17}$; or benzyl which is unsubstituted or mono- or poly-substituted by halogen, nitro, OR_5 , $NR_{16}R_{17}$, and

 X^{+} is a cation H^{+} , Li^{+} , Na^{+} , K^{+} , $Mg^{++}_{1/2}$, $Ca^{++}_{1/2}$, $Sr^{++}_{1/2}$, $Ba^{++}_{1/2}$, Cu^{+} , $Cu^{++}_{1/2}$, $Zn^{++}_{1/2}$, $Mn^{++}_{1/2}$, $Al^{+++}_{1/2}$ or $[NR_{9}R_{10}R_{11}R_{12}]^{+}$, wherein R_{9} , R_{10} , R_{11} and R_{12} are each independently of the others hydrogen; C_{1} -

 C_6 alkyl; phenyl which is unsubstituted or mono- or poly-substituted by C_1 - C_6 alkyl, halogen, nitro, OR_5 , $NR_{16}R_{17}$; or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_6 alkyl, halogen, nitro, OR_5 , $NR_{16}R_{17}$, and

 R_{16} and R_{17} are each independently of the other hydrogen or C_1 - C_6 alkyl.

2. (original): A monoazoquinolone pigment according to claim 1, of formula

$$O \xrightarrow{Ar_1} \xrightarrow{R} \xrightarrow{R_1} O \xrightarrow{Ar_2}$$

$$O \xrightarrow{R_2} O \xrightarrow{CH_3}$$

wherein

 Ar_1 and Ar_2 are each independently of the other unsubstituted or substituted C_6 - C_{24} aryl or unsubstituted or substituted heteroaryl,

R, R₁ and R₂ are each independently of the others hydrogen, C₁-C₆alkyl, halogen, cyano, CF₃, nitro, NR₃R₄, COOR₄, NR₄COR₃, COO $^{-}$ X $^{+}$, COR₄, OR₄, SR₃, SO₂R₃, SO₂NR₃R₄, SO₃ $^{-}$ X $^{+}$, or C₆-C₂₄aryl which is unsubstituted or mono- or poly-substituted by R₅,

 R_3 is C_1 - C_6 alkyl, or C_6 - C_{12} aryl which is unsubstituted or mono- or poly-substituted by halogen, hydroxy, OR_7 , cyano, nitro, SR_7 , NR_6R_7 , $COOR_7$, $CONR_6R_7$, NR_6COR_7 , NR_6COOR_7 , COO^TX^+ , COR_4 , OR_4 , SO_2R_7 , $SO_2NR_6R_7$, $SO_3^TX^+$ or by SO_3R_7 ,

R₄ is hydrogen or has the meanings of R₃,

R₅ is hydrogen, C₁-C₄alkyl, halogen, nitro, NR₇R₈ or OR₇,

R₆ is hydrogen or C₁-C₃alkyl,

R₇ and R₈ are each independently of the other hydrogen; C₁-C₃alkyl; phenyl which is unsubstituted or mono- or poly-substituted by halogen, nitro, OR₅,NR₁₆R₁₇; or benzyl which is unsubstituted or mono- or poly-substituted by halogen, nitro, OR₅, NR₁₆R₁₇, and

 X^+ is a cation H^+ , Li^+ , Na^+ , K^+ , $Mg^{++}_{1/2}$, $Ca^{++}_{1/2}$, $Sr^{++}_{1/2}$, $Ba^{++}_{1/2}$, Cu^+ , $Cu^{++}_{1/2}$, $Zn^{++}_{1/2}$, $Mn^{++}_{1/2}$, $Al^{+++}_{1/3}$ or $[NR_9R_{10}R_{11}R_{12}]^+$, wherein R_9 , R_{10} , R_{11} and R_{12} are each independently of the others hydrogen; C_1 - C_6 alkyl; phenyl which is unsubstituted or mono- or poly-substituted by C_1 - C_6 alkyl, halogen, nitro, $NR_{16}R_{17}$; or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_6 alkyl, halogen, nitro, OR_5 , $NR_{16}R_{17}$, and

 R_{16} and R_{17} are each independently of the other hydrogen or C_1 - C_6 alkyl.

3. (currently amended): A monoazoquinolone pigment according to either claim 1-or claim 2, wherein Ar_1 is a radical of formula

wherein

 R_{13} , R_{14} and R_{15} are each independently of the others hydrogen, C_1 - C_6 alkyl, halogen, cyano, CF_3 , nitro, NR_3R_4 , $COOR_4$, NR_4COR_3 , COO^*X^{\dagger} , COR_4 , OR_4 , SR_3 , SO_2R_3 , $SO_2NR_3R_4$, SO_3R_4 , $SO_3^*X^{\dagger}$, or C_6 - C_{12} aryl which is unsubstituted or mono- or poly-substituted by R_5 .

4. (currently amended): A monoazoquinolone pigment according to either claim 2-or claim 3, wherein Ar₂ is a radical of formula

wherein

 R_{13} , R_{14} and R_{15} are each independently of the others hydrogen, C_1 - C_6 alkyl, halogen, cyano, CF_3 , nitro, NR_3R_4 , $COOR_4$, NR_4COR_3 , COO^TX^+ , COR_4 , OR_4 , SR_3 , SO_2R_3 , $SO_2NR_3R_4$, SO_3R_4 , $SO_3^TX^+$, or C_6 - C_{12} aryl which is unsubstituted or mono- or poly-substituted by R_5 .

5. (currently amended): A monoazoquinolone pigment according to any-one of-claim [[s]] 1-to-4, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_3 alkyl, C_1 - C_3 alkoxy, chlorine, $COOR_5$, NR_4COR_3 , COO^TX^+ or $SO_3^TX^+$, R_5 is hydrogen or C_1 - C_3 alkyl and X^+ is a cation Na^+ , $Mg^{++}_{1/2}$, $Ca^{++}_{1/2}$, $Sr^{++}_{1/2}$, $Ba^{++}_{1/2}$ or $[NR_9R_{10}R_{11}R_{12}]^+$, wherein R_9 , R_{10} , R_{11} and R_{12} are each independently of the others hydrogen; C_1 - C_6 alkyl; phenyl which is unsubstituted or mono- or poly-substituted by C_1 - C_3 alkyl, halogen, nitro, OR_7 , $N(R_7)_2$; or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_3 alkyl, halogen, nitro, OR_7 , $N(R_7)_2$.

- **6.** (currently amended): A monoazoquinolone pigment according to any one of-claim[[s]] 1-to-4, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, chlorine, $COOR_5$, NR_4COR_3 , COO^-X^+ or $SO_3^-X^+$, R_5 is hydrogen or C_1 - C_2 alkyl and X^+ is a cation Na^+ , $Mg^{++}_{1/2}$, $Ca^{++}_{1/2}$, $Sr^{++}_{1/2}$, $Ba^{++}_{1/2}$ or $[NR_9R_{10}R_{11}R_{12}]^+$, wherein R_9 , R_{10} , R_{11} and R_{12} are each independently of the others hydrogen, C_1 - C_6 alkyl, phenyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen, or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen.
- **7.** (original): A monoazoquinolone pigment according to claim 6, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, chlorine, COOR $_5$ or NR $_4$ COR $_3$ and R $_5$ is hydrogen or C_1 - C_2 alkyl.
- **8. (original):** A process for the preparation of a monoazoquinolone pigment of formula (1) according to claim 1, wherein a compound of formula

$$O = \begin{pmatrix} Ar_1 & R \\ N & R_1 \\ R_2 \end{pmatrix}$$

is diazotised and coupled to a compound of formula

W-H

or to a compound of formula

wherein Ar_1 , W, R, R_1 and R_2 are as defined for formula (1) in claim 1 and Ar_2 is as defined for formula (1a) in claim 1.

9. (currently amended): A composition comprising The use of a monoazoquinolone pigment according to claim 1 in the colouring of and a high molecular weight material.

- **10.** (currently amended): A plastic, surface coating or printing ink composition comprising The use of a monoazoquinolone pigment according to claim 1. as a colourant for plastics, surface coatings or printing inks.
- 11. (currently amended): The use of a monoazoquinolone pigment according to claim 1 as a colourant in the production of colour filters. A composition according to claim 9 which is a color filter.
- 12. (new): A monoazoguinolone pigment according to claim 2, wherein Ar₁ is a radical of formula

wherein

 R_{13} , R_{14} and R_{15} are each independently of the others hydrogen, C_1 - C_6 alkyl, halogen, cyano, CF_3 , nitro, NR_3R_4 , $COOR_4$, NR_4COR_3 , COO^*X^{\dagger} , COR_4 , OR_4 , SR_3 , SO_2R_3 , $SO_2NR_3R_4$, SO_3R_4 , $SO_3^*X^{\dagger}$, or C_6 - C_{12} aryl which is unsubstituted or mono- or poly-substituted by R_5 .

13. (new): A monoazoquinolone pigment according to claim 3, wherein Ar₂ is a radical of formula

wherein

 R_{13} , R_{14} and R_{15} are each independently of the others hydrogen, C_1 - C_6 alkyl, halogen, cyano, CF_3 , nitro, NR_3R_4 , $COOR_4$, NR_4COR_3 , COO^-X^+ , COR_4 , OR_4 , SR_3 , SO_2R_3 , $SO_2NR_3R_4$, SO_3R_4 , $SO_3^-X^+$, or C_6 - C_{12} aryl which is unsubstituted or mono- or poly-substituted by R_5 .

14. (new): A monoazoquinolone pigment according to claim 2, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_3 alkyl, C_1 - C_3 alkoxy, chlorine, COOR₅, NR₄COR₃, COO^TX⁺ or $SO_3^TX^+$, R_5 is hydrogen or C_1 - C_3 alkyl and X⁺ is a cation Na⁺, Mg⁺⁺_{1/2}, Ca⁺⁺_{1/2}, Sr⁺⁺_{1/2}, Ba⁺⁺_{1/2} or [NR₉R₁₀R₁₁R₁₂]⁺, wherein R₉, R₁₀, R₁₁ and R₁₂ are each independently of the others hydrogen; C₁- C_6 alkyl; phenyl which is unsubstituted or mono- or poly-substituted by C₁-C₃alkyl, halogen, nitro, OR₇,

 $N(R_7)_2$; or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_3 alkyl, halogen, nitro, OR_7 , $N(R_7)_2$.

- **15.** (new): A monoazoquinolone pigment according to claim 2, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, chlorine, COOR₅, NR₄COR₃, COO'X⁺ or SO_3 'X⁺, R_5 is hydrogen or C_1 - C_2 alkyl and X⁺ is a cation Na⁺, Mg⁺⁺_{1/2}, Ca⁺⁺_{1/2}, Sr⁺⁺_{1/2}, Ba⁺⁺_{1/2} or [NR₉R₁₀R₁₁R₁₂]⁺, wherein R₉, R₁₀, R₁₁ and R₁₂ are each independently of the others hydrogen, C_1 - C_6 alkyl, phenyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen, or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen.
- **16.** (new): A monoazoquinolone pigment according to claim 15, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, chlorine, COOR $_5$ or NR $_4$ COR $_3$ and R $_5$ is hydrogen or C_1 - C_2 alkyl.
- **17.** (new): A monoazoquinolone pigment according to claim 3, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_3 alkyl, C_1 - C_3 alkoxy, chlorine, $COOR_5$, NR_4COR_3 , COO^TX^+ or $SO_3^TX^+$, R_5 is hydrogen or C_1 - C_3 alkyl and X^+ is a cation Na^+ , $Mg^{++}_{1/2}$, $Ca^{++}_{1/2}$, $Sr^{++}_{1/2}$, $Ba^{++}_{1/2}$ or $[NR_9R_{10}R_{11}R_{12}]^+$, wherein R_9 , R_{10} , R_{11} and R_{12} are each independently of the others hydrogen; C_1 - C_6 alkyl; phenyl which is unsubstituted or mono- or poly-substituted by C_1 - C_3 alkyl, halogen, nitro, OR_7 , $N(R_7)_2$; or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_3 alkyl, halogen, nitro, OR_7 , $N(R_7)_2$.
- **18.** (new): A monoazoquinolone pigment according to claim 3, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, chlorine, COOR₅, NR₄COR₃, COO^{*}X[†] or $SO_3^*X^+$, R_5 is hydrogen or C_1 - C_2 alkyl and X^+ is a cation Na⁺, Mg⁺⁺_{1/2}, Ca⁺⁺_{1/2}, Sr⁺⁺_{1/2}, Ba⁺⁺_{1/2} or [NR₉R₁₀R₁₁R₁₂]⁺, wherein R₉, R₁₀, R₁₁ and R₁₂ are each independently of the others hydrogen, C_1 - C_6 alkyl, phenyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen, or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen.
- **19.** (new): A monoazoquinolone pigment according to claim 4, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_3 alkyl, C_1 - C_3 alkoxy, chlorine, COOR₅, NR₄COR₃, COO'X⁺ or SO_3 'X⁺, R_5 is hydrogen or C_1 - C_3 alkyl and X⁺ is a cation Na⁺, Mg⁺⁺_{1/2}, Ca⁺⁺_{1/2}, Sr⁺⁺_{1/2}, Ba⁺⁺_{1/2} or [NR₉R₁₀R₁₁R₁₂]⁺, wherein R₉, R₁₀, R₁₁ and R₁₂ are each independently of the others hydrogen; C₁- C_6 alkyl; phenyl which is unsubstituted or mono- or poly-substituted by C₁- C_3 alkyl, halogen, nitro, OR₇,

 $N(R_7)_2$; or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_3 alkyl, halogen, nitro, OR_7 , $N(R_7)_2$.

20. (new): A monoazoquinolone pigment according to claim 4, wherein R_1 and R_2 are each independently of the other hydrogen, C_1 - C_2 alkyl, C_1 - C_2 alkoxy, chlorine, COOR₅, NR₄COR₃, COO⁻X⁺ or SO_3^- X⁺, R_5 is hydrogen or C_1 - C_2 alkyl and X⁺ is a cation Na⁺, $Mg^{++}_{1/2}$, $Ca^{++}_{1/2}$, $Sr^{++}_{1/2}$, $Ba^{++}_{1/2}$ or $[NR_9R_{10}R_{11}R_{12}]^+$, wherein R_9 , R_{10} , R_{11} and R_{12} are each independently of the others hydrogen, C_1 - C_6 alkyl, phenyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen, or benzyl which is unsubstituted or mono- or poly-substituted by C_1 - C_2 alkyl and/or by halogen.